

MOTOR SPECIFICATION SHEET

MODEL : SCLF-QRV 1HP 4P

USED FOR : STANDARD

DESCRIPTION	DETAIL				
PHASE	1				
TYPE	CAPACITOR STAR AND RUN				
MODEL NAME	SCLF-QRV				
RATED OUTPUT, HP (kW)	1 (0.75)				
POLE	4				
CODE	MEATH CODE : 1M001D-400075QVEU0				
OUTLINE DRAWING NO.	ONM94O013-*				
RATED VOLTAGE (V)	220	230	220		
RATED FREQUENCY (Hz)	50	50	60		
RATED CURRENT (A)	5.2	5.3	4.6		
RATED SPEED (min ⁻¹)	1430	1440	1720		
RATED EFFICIENCY (%)	77.5	75.6	81.1		
THERMAL CLASS	155(F)				
RATING	S1 (CONTINUOUS)				
ENCLOSURE CONSTRUCTION	TOTALLY ENCLOSED FAN COOLED				
DEGREES OF PROTECTION	IP55				
METHOD OF COOLING	IC411				
FRAME NO.	90S				
WEIGHT (kg)	18				
STANDARD	JEC-2137-2000				
EFFICIENCY RULE	IEC 60034-30-1				
INSTALLATION	FLANGE MOUNTED (VERTICAL)				
ROTATION	CCW (VIEWED FROM SHAFT END)				
BEARING	LOAD SIDE : 6204ZZ				
	OPPOSITE SIDE : 6202ZZ				
BEARING GREASE	UREA GREASE				
NOISE (db.A)	63				
VIBRATION	V20				
CIRCUMSTANCE CONDITION	AMBIENT TEMPERATURE : -20 ~ +40°C				
	AMBIENT HUMIDITY : 95%RH OR LESS				
	ABOVE SEA LEVEL : 1000m OR LESS				
	ENVIRONMENT : NO BURSTING/EROSIVE GAS OR VAPOR				
COLOR	MUNSELL N1.5 (BLACK)				
TERMINAL BOX	NO. OF LEAD WIRES : 4				
	SOURCE CONNECTION : LEAD WIRES				
INSULATION RESISTANCE	BY DC 500V MEGGER - ≥100MΩ				
DIELECTRIC TEST	AC 50Hz 1500V - 1min. (Based on rated voltage 220V)				
SHAFT SWING	≤0.03mm				
MATERIAL	FRAME : STEEL PLATE				
	BRACKET LOAD SIDE : CAST IRON (FLANGE)				
	OPPOSITE SIDE : ALUMINIUM				
	SHAFT : CARBON STEEL				
	STATOR CORE : ELECTRICAL STEEL				
	WIRE : ENAMELLED COPPER MAGNET WIRE				
	INSULATOR : POLYESTER FILM SATURATED WITH RESIN				
	VARNISH : EPOXY DENATURALIZATION POLYESTER				
	ROTOR CORE : ELECTRICAL STEEL				
	CONDUCTOR : ALUMINIUM				
	TERMINAL BOX : STEEL PLATE				
	PAINTING : POLYURETHANE RESIN				
PRODUCTION COUNTRY	THAILAND				

Specifications subject to change without notice.

SPECIFICATION SHEET NO.

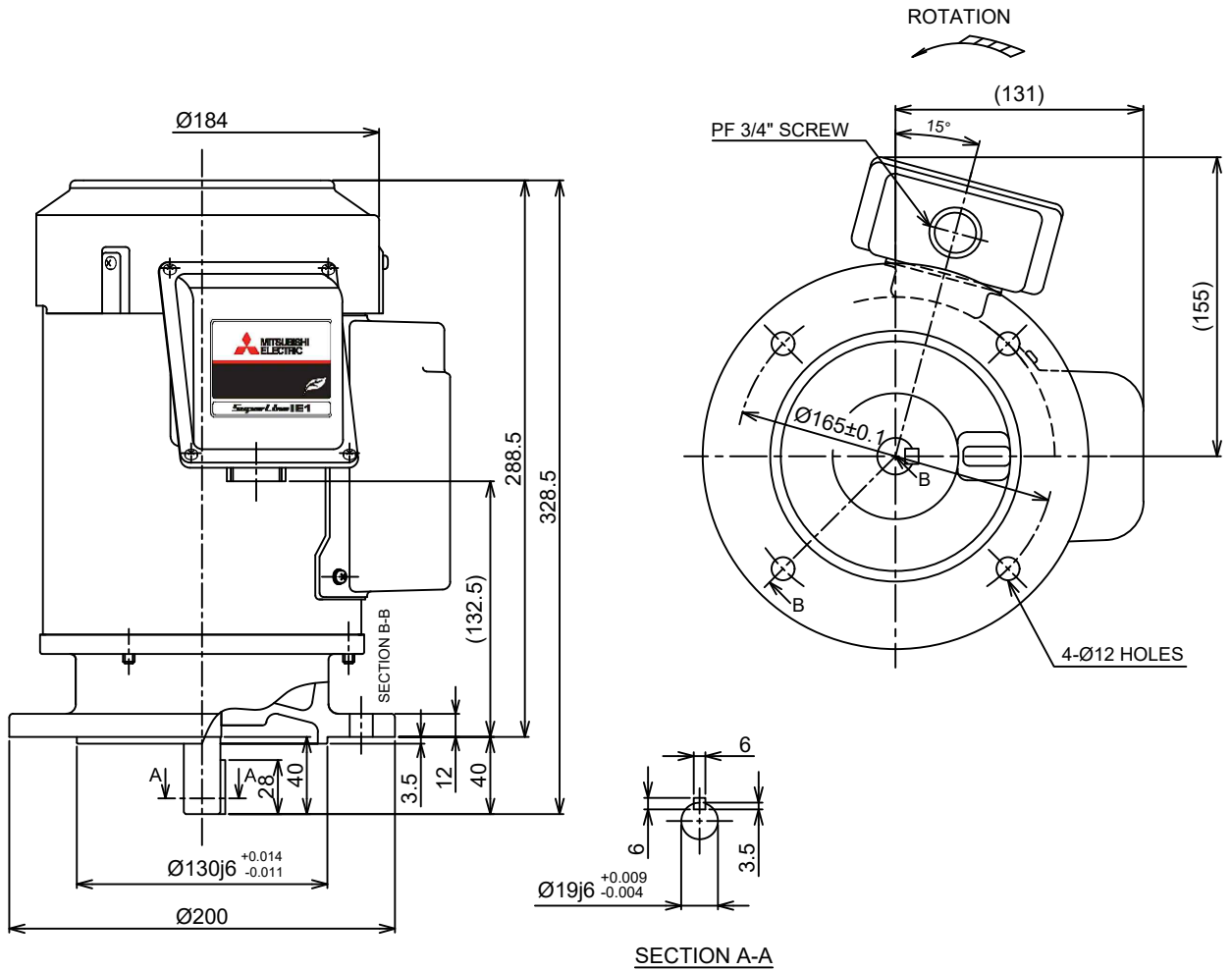
SS-M-9225-B

MODEL SCLF-QRV SINGLE PHASE INDUCTION MOTOR OUTLINE DRAWING

CAPACITOR START CAPACITOR RUN TYPE
 TOTALLY ENCLOSED FAN COOLED
 DEGREES OF PROTECTION IP55
 DUST & WATER JET PROOF
 FRAME NO. 90S

CUSTOMER _____
 USER _____
 FOR _____
 CUSTOMER'S ORDER NO. _____
 QUANTITY _____
 MFG. ORDER NO. _____

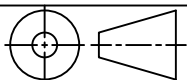
STARTING CAPACITOR	100 μ F 250VAC
RUNNING CAPACITOR	15 μ F 440VAC



FRAME SIZE	RATING	TH CLASS	AMB. TEMP.	BEARINGS		COLOR	DIRECTION OF ROTATION	NO. OF LEAD WIRES
				LOAD SIDE	OPP. SIDE			
90S	S1	155(F)	40°C	6204ZZ	6202ZZ	BLACK (MUNSELL N1.5)	CCW	4

OUTPUT		POLE	Hz	VOLT	AMP	RPM	IE CODE - RATED EFF.	REMARK
HP	KW							
1	0.75	4	50	220/230	5.2/5.3	1430/1440	IE1-77.5% / IE1-75.6%	
			60	220	4.6	1720	IE1-81.1%	

MITSUBISHI ELECTRIC AUTOMATION (THAILAND) CO., LTD.



DIMENSION IN mm.

SCALE : NTS

OUTLINE DRAWING NO.

O N M 9 4 0 0 1 3

REV.

*